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From: ATC, Intellectual Property Dept. Tel: 724.337.4185 E-Mail: peter.borghetti@alcoa.com

To:	Fax No:	Company:	Phone No.:
Certificate of Corrections Branch	571-273-8300	US PTO	

File No.: 02-2453

Re: Patent No.: 7,267,158
Issue Date: September 11, 2007
Serial No.: 10/612,866
Filing Date: July 2, 2003
Examiner: TRAN, Len
Art Unit: 1725

Date: October 26, 2007

No. Pages: Including Cover Sheet 10

Notes: Please find enclosed the following documents relating to the above-cited case:

- 1) Transmittal Form consisting of one (1) page,
- 2) Request For A Certificate Of Correction Under 37 CFR 1.323 consisting of four (5) pages,
- 3) Certificate of Correction consisting of one (1) page, and
- 4) A Fee Transmittal Form and a duplicate copy thereof.

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PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 9

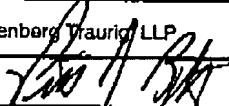
Application Number	10/612,866
Filing Date	July 2, 2003
First Named Inventor	Paula A. Kolok
Art Unit	1725
Examiner Name	TRAN, Len

Attorney Docket Number 02-2453

ENCLOSURES (Check all that apply)

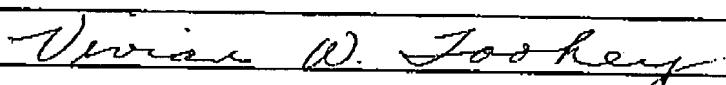
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for a Certificate of Correction
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
PLEASE DIRECT ALL CORRESPONDENCE TO CUSTOMER NO. 08840		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Greenberg Traurig, LLP		
Signature			
Printed name	Peter J. Borglitti		
Date	October 26, 2007	Reg. No.	42,345

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Vivian W. Toohey	Date	October 26, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

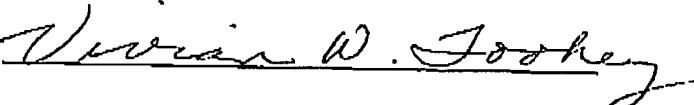
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office (Fax No. (571) 273-8300) on October 26, 2007.

Typed or printed name of person signing this certificate:
Vivian W. Toohey

Signature:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US Pat. No.	:	7,267,158	Confirmation No. 4386
Issue Date	:	September 11, 2007	
Appl. No.	:	10/612,866	
Applicants	:	Kolek et al.	
Filed	:	July 2, 2003	
TC/A.U.	:	1725	
Examiner	:	TRAN, Len	
Docket No.	:	02-2453	
Customer No.	:	08840	
Title	:	CONTROL OF OXIDE GROWTH ON MOLTEN ALUMINUM DURING CASTING USING A HIGH MOISTURE ATMOSPHERE	

To: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA, 22313-1450

REQUEST FOR A CERTIFICATE OF CORRECTION
UNDER 37 CFR 1.322 and 37 CFR 1.323

Sir:

In the matter of U.S. Patent No. 7,267,158 Issued September 11, 2007, a check of same against the files of the attorney of record indicates that errors described in the attached Form PTO 44 were made by the Office and by the Applicants.

Attorney Docket No.: 02-2453
Patent No.: 7,267,158

More specifically, the following errors made by the Office, corrected in Form PTO 44, are of a clerical or typographical nature:

The following requested corrections are attributable to errors made by the Office:

In column 2, line 46, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 2, line 58, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 2, line 67, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 3, lines 14-15, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 3, line 19, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 3, line 39, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 3, line 44, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 8, line 31, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 8, line 58, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 9, line 7, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 9, line 10, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 9, lines 31-32, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 9, line 35, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.

In column 10, line 43, line 3 of Claim 19, after 'direct', delete "chili" and insert --chill--.

In column 11, line 13, line 2 of Claim 26, before 'aluminum' insert --on--.

In column 12, line 7, line 3 of Claim 28, after 'alloy' insert -- ; --.

In addition, the following error, corrected in Form PTO-44, was made by the Applicants.

In column 1, line 58, after the second occurrence of 'the', delete "casing" and insert --casting--.

Attorney Docket No.: 02-2453
Patent No.: 7,267,158

REMARKS

The following requested corrections are attributable to errors made by the Office:

In column 2, line 46, after '1,300°F., delete "(7041 ° C)" and insert --(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 3, line 2 of paragraph [0012], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 1, line 2 of paragraph [0012].

In column 2, line 58, after '1,300°F., delete "(7041 ° C)" and insert --(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 4, line 2 of paragraph [0015], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 1, line 2 of paragraph [0015].

In column 2, line 67, after '1,300°F., delete "(7041 ° C)" and insert --(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 4, line 2 of paragraph [0017], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 2, line 2 of paragraph [0017].

In column 3, lines 14-15, after '1,300°F., delete "(7041 ° C)" and insert --(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 4, line 3 of paragraph [0020], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 2, line 4 of paragraph [0020].

In column 3, line 19, after '1,300°F., delete "(7041 ° C)" and insert --(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 4, line 3 of paragraph [0021], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 2, line 4 of paragraph [0021].

In column 3, line 39, after '1,300°F., delete "(7041 ° C)" and insert --(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 5, line 3 of paragraph [0026], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 2, lines 4-5 of paragraph [0026].

Attorney Docket No.: 02-2453
Patent No.: 7,267,158

In column 3, line 44, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 5, line 3 of paragraph [0027], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 2, line 5 of paragraph [0027].

In column 8, line 31, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 13, line 2 of paragraph [0052], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 5, line 2 of paragraph [0052].

In column 8, line 58, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 13, line 2 of paragraph [0055], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 5, line 3 of paragraph [0055].

In column 9, line 7, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 14, line 3 of paragraph [0057], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 5, line 4 of paragraph [0057].

In column 9, line 10, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 14, line 5 of paragraph [0057], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 5, line 7 of paragraph [0057].

In column 9, lines 31-32, after '1,300°F., delete "(7041 ° C)" and Insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 14, line 3 of paragraph [0060,]. and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 5, line 5 of paragraph [0060].

In column 9, line 35, after '1,300°F., delete "(7041 ° C)" and insert -(704°C)--.
Evidence supporting this correction can be found in the application filed with the U.S. Patent and Trademark Office on July 2, 2003, page 15, last line of paragraph [0060], and in U.S. Publication No. US 2005/0000677 A1 published on January 6, 2005, page 5, line 9 of paragraph [0060].

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Attorney Docket No.: 02-2453
Patent No.: 7,267,158

In column 10, line 43, line 3 of Claim 19, after 'direct', delete "chili" and insert --chill--.
Evidence supporting this correction can be found in the Amendment Under 37 CFR §1.116 filed with the U.S. Patent and Trademark Office on February 12, 2007, page 2, line 2 of Claim 6.

In column 11, line 13, line 2 of Claim 26, before 'aluminum' insert --on--.
Evidence supporting this correction can be found in the Amendment Under 37 CFR §1.116 filed with the U.S. Patent and Trademark Office on February 12, 2007, page 4, line 2 of Claim 23.

In column 12, line 7, line 3 of Claim 28, after 'alloy' insert -- ; --.
Evidence supporting this correction can be found in the Amendment Under 37 CFR §1.116 filed with the U.S. Patent and Trademark Office on February 12, 2007, page 5, line 2 of Claim 29.

Since the above-mentioned typographical errors are correctly disclosed by the records filed with the Office, Applicants respectfully request a Certificate of Correction since these corrections are important for a full understanding of the claims as issued.

The following requested correction is attributable to a typographical error made by the Applicants:

In column 1, line 58, after the second occurrence of 'the', delete "casing" and insert --casting--.

Since the above requested correction is due to an error made by the Applicants, a fee in the amount of \$100.00 is being paid at this time.

If there are any questions remaining please call Peter J. Borghetti at (724) 337-4185.

Dated: 10/26/07

Respectfully submitted,
Kolek et al., APPLICANTS

By: Peter J. Borghetti

Peter J. Borghetti
Reg. No. 42,345
Attorney for Applicants
Greenberg Traurig, LLP
c/o Alcoa Technical Center
1000 Technical Drive
Alcoa Center, PA 15069

PTO Customer Number:
08840

10/29/2007 VBUI11 00000004 011000 10612866
01 FC:1811 100.00 DA

PTO/SB/44 (04-05)

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 (Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE
 CERTIFICATE OF CORRECTION**

PATENT NO. : 7,267,158

Page 1 of 1

APPLICATION NO.: 10/612,866

ISSUE DATE : September 11, 2007

INVENTOR(S) : Paula L. Kolek, David H. DeYoung, David J. Roha, Patricia A. Stewart, Michael A. Easley, Jorge A. Ramos Cruz, and Larry F. Wieserman

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 1, line 58, after the second occurrence of 'the', delete "casing" and insert --casting--.

In column 2, line 46, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 2, line 58, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 2, line 67, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 3, lines 14-15, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 3, line 19, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 3, line 39, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 3, line 44, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 8, line 31, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

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In column 9, line 10, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 9, lines 31-32, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 9, line 35, after '1,300°F., delete "(7041 °C)" and insert --(704°C)--.

In column 10, line 43, line 3 of Claim 19, after 'direct', delete "chilli" and insert --chill--.

In column 11, line 13, line 2 of Claim 26, before 'aluminum' insert --on--.

In column 12, line 7, line 3 of Claim 28, after 'alloy' Insert -- ; --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Greenberg Traurig, LLP
 c/o Alcoa Technical Center
 100 Technical Drive, C70
 Alcoa Center, PA 15069

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (02-07)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2007 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
100.00**Complete if Known**

Application Number	10/612,866
Filing Date	July 2, 2003
First Named Inventor	Paula L. Kolek
Examiner Name	TRAN, Len
Art Unit	1725
Attorney Docket No.	02-2453

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 01-1000 Deposit Account Name: Alcoa Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	
				Fee (\$)	Fee (\$)
- 20 or HP =	x	=		50	25
HP = highest number of total claims paid for, if greater than 20.				200	100
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	360	180

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x		

4. OTHER FEE(S)

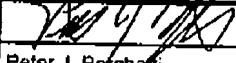
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Certificate of Correction for Applicant's error

Fee Paid (\$)

\$100.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 42,346	Telephone 724 337 4185
Name (Print/Type)	Peter J. Borghetti		Date October 26, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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